



NATIONAL
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STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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KGC 22-06

AGRICULTURAL NEWS: Two rounds of showers helped maintain crop growth throughout Kentucky. Average temperatures were cooler compared to the previous week, which was a welcome change. Recent rains improved the topsoil moisture, which was rated 5 percent very short, 32 percent short, 58 percent adequate, and 5 percent surplus, as of Friday, August 18. Subsoil moisture was rated 8 percent very short, 35 percent short, 54 percent adequate, and 3 percent surplus. During the week, most of the farm work consisted of equipment maintenance, working livestock, cutting tobacco and hay, chopping early maturing corn for silage, and seeding pastures. Days suitable for fieldwork averaged 5.3 out of a possible 7 days.

CORN: Some early maturing fields were chopped for silage. Corn harvest for grain is expected to occur within a couple of weeks. Field corn condition was rated 1 percent very poor, 3 percent poor, 11 percent fair, 43 percent good, and 42 percent excellent. One-fifth of the corn crop had matured, slower than a year ago at 23 percent, but faster than the five year average. Sixty percent of the corn acreage was in the dent stage, behind both last year, at 61 percent, and the average of 64 percent. Corn in the dough stage or beyond was at 92 percent, well ahead of 87 percent for the previous year and 86 percent for the average.

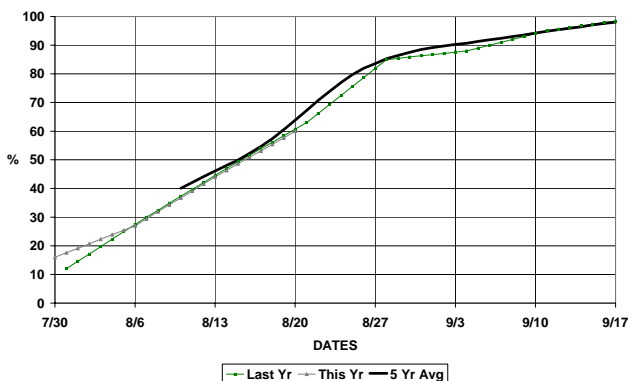
SOYBEANS: Rainfall was beneficial to soybeans, especially for double-cropped fields. The condition of the soybeans improved to 2 percent rated as poor,

15 percent fair, 48 percent good, and 35 percent excellent. Soybeans setting pods, as of Sunday, August 20, was 76 percent. Progress was faster than both last year's rate of 73 percent, and the five year average of 69 percent. Ninety-one percent was in the blooming stage or beyond, more than 90 percent for a year ago and 87 percent for the average.

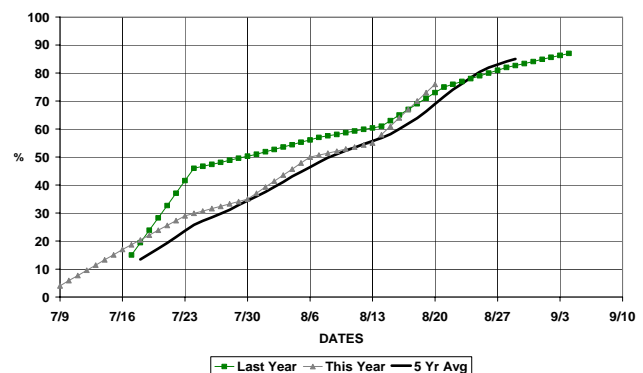
TOBACCO: Twenty-six percent of the burley tobacco crop has been cut. That was the same as the five year average, but was slower than last year's progress of 30 percent. The condition of the tobacco still in the field was rated 1 percent very poor, 4 percent poor, 21 percent fair, 56 percent good, and 18 percent excellent. Blue mold, black shank, and insects did not pose a big problem last week. Early housed tobacco was curing well. By Sunday, August 20, 21 percent of the dark tobacco was cut, more than 17 percent for a year ago, but behind the 22 percent for the average.

OTHER CROPS: Pasture condition improved in areas of the State receiving rain. Other areas not receiving the showers still need additional moisture. On Friday, August 18, pastures were rated 2 percent very poor, 10 percent poor, 34 percent fair, 47 percent good, and 7 percent excellent. Additional hay was cut and baled this week in between showers. Hay condition changed little over the past week. One percent was rated very poor, 12 percent poor, 38 percent fair, 42 percent good, and 7 percent excellent.

CORN PERCENT DENT OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING AUGUST 20, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Blooming	91	90	87	77	97
Setting Pods	76	73	69	55	85
Corn					
Dough Stage	92	87	86	66	67
Dent Stage	60	61	64	44	25
Mature	20	23	17	NA	NA
Burley Tobacco					
Cut	26	30	26	11	NA
Dark Tobacco					
Cut	21	17	22	4	NA

(NA)Data Not Available.

SOIL MOISTURE

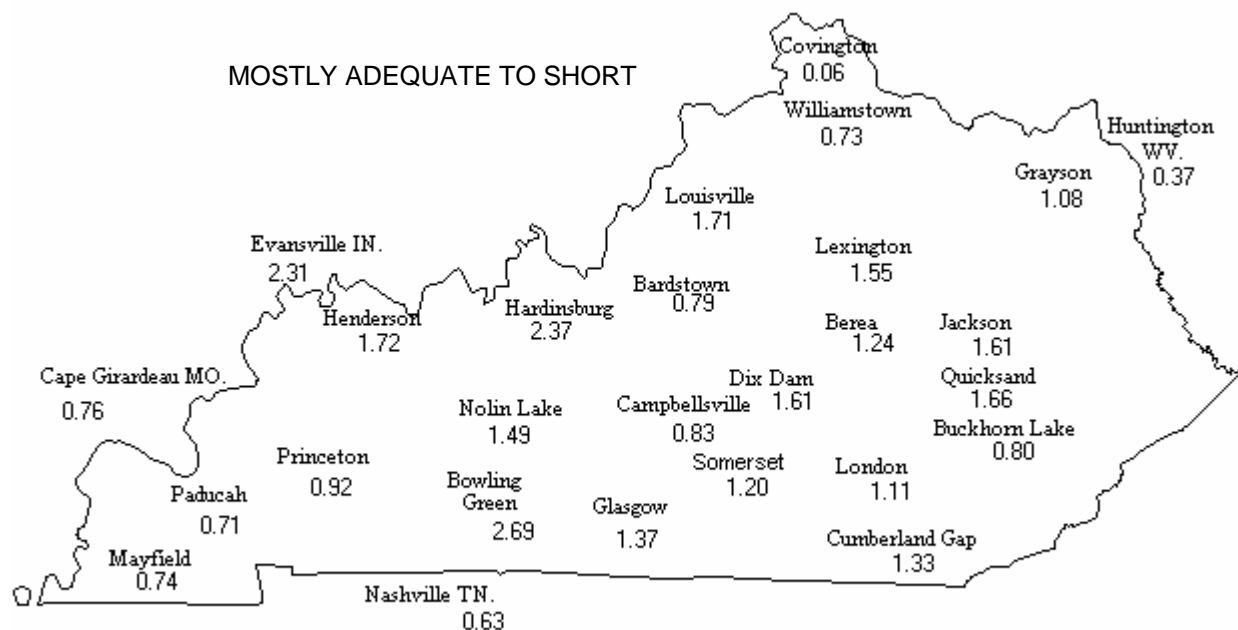
WEEK ENDING AUGUST 18, 2006
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	5	8
Short	32	30
Adequate	58	59
Surplus	5	3
SUBSOIL		
Very Short	8	8
Short	35	34
Adequate	54	56
Surplus	3	2

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING AUGUST 18, 2006						WEEK ENDING AUGUST 11, 2006					
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	
Corn	1	3	11	43	42	0	4	10	48	38	
Soybeans	0	2	15	48	35	0	3	14	56	27	
Pasture	2	10	34	47	7	4	12	34	43	7	
Hay Crops	1	12	38	42	7	3	12	31	46	8	
Tobacco in Field	1	4	21	56	18	1	5	20	51	23	

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 20, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 18, 2006



KENTUCKY WEATHER SUMMARY, AUGUST 14 – 20, 2006:

Above Normal Temperatures and Above Normal Rainfall:

The trend of above normal temperatures continued this past week, as this was the sixth straight week of above normal temperatures for the Commonwealth. On Monday high pressure dominated the weather pattern, but by Tuesday a cold front dropped into the Ohio River Valley and brought showers and thunderstorms to the State. The rest of the work week remained dry as high pressure took hold. By the weekend, another cold front moved into the Ohio River Valley and blanketed the State with rainfall.

Temperatures for the period averaged 77 degrees across the State which was 3 degrees above normal but 2 degrees cooler than the previous week's average. High temperatures averaged from 87 in the West to 86 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 68 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 5 degrees above normal in the East. Extreme temperatures ranged from a maximum in the mid 90s to a minimum in the upper 50s.

Precipitation (liq. equ.) for the period totaled 1.17 inches statewide which was 0.33 inches above normal. Precipitation totals by climate division, West 1.13 inches, Central 1.74 inches, Bluegrass 0.99 inches and East 0.85 inches, which was +0.34, +0.89, +0.13 and -0.03 inches respectively from normal. By station, precipitation totals ranged from a low of 0.06 inches at Covington to a high of 2.69 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

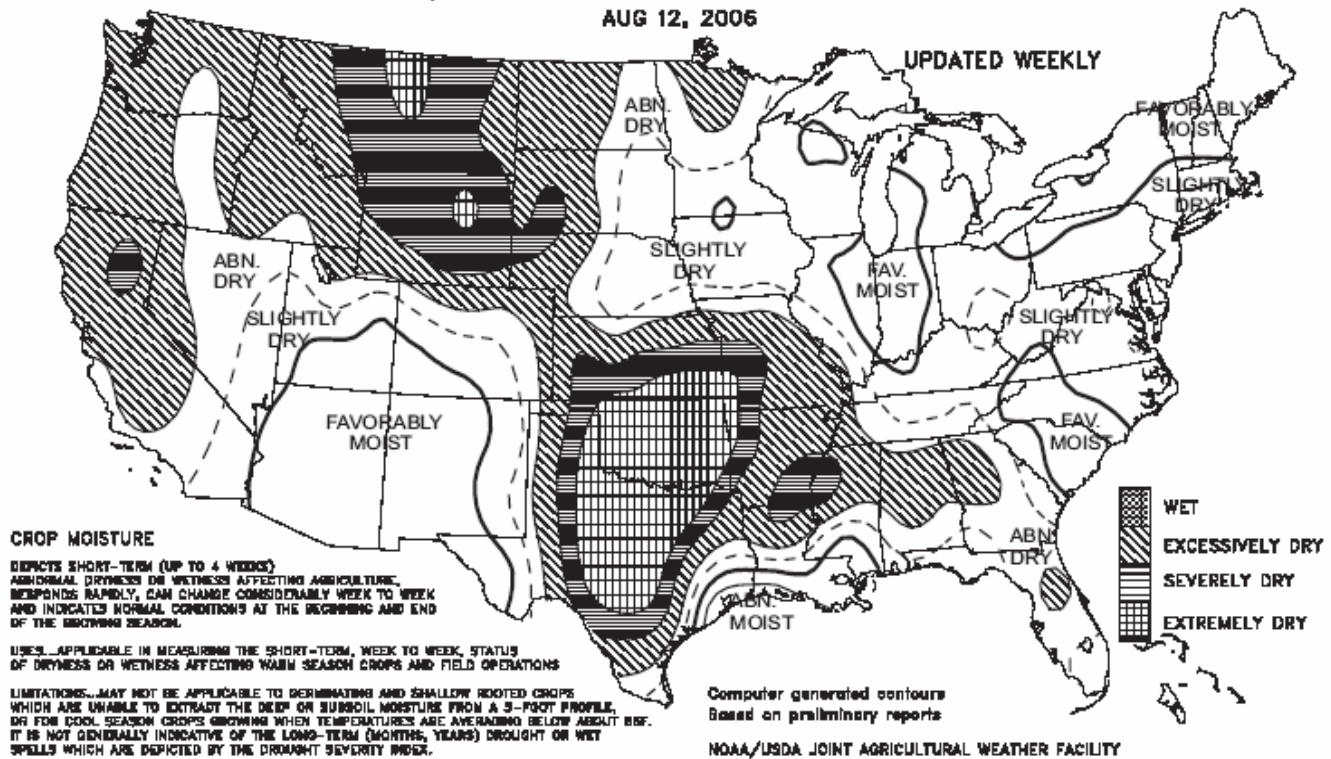
FOR WEEK ENDING SUNDAY, AUGUST 20, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.79	16.32	2.35	-3.23	-1.48	91	59	76.4	+2	180	2709	+80
Berea	1.24	16.35	2.89	-3.66	-0.82	89	63	76.7	+3	182	2783	+72
Bowling Green	2.69	17.85	4.05	-2.58	+0.56	92	63	78.4	+4	186	2959	+218
Bristol	0.48	16.97	3.13	-0.14	-0.03	90	60	76.3	+3	176	2603	+96
Buckhorn Lake	0.80	16.32	1.69	-2.88	-1.91	89	61	76.4	+3	179	2771	+395
Cape Girardeau	0.76	19.59	1.94	+0.71	-1.23	95	58	78.8	+3	187	3001	+117
Campbellsville	0.83	16.09	2.86	-6.32	-1.47	90	61	76.9	+3	182	2700	+19
Covington	0.06	16.16	0.97	-2.11	-2.29	91	62	77.8	+5	186	2622	+144
Cumberland Gap	1.33	16.68	3.58	-4.53	-0.57	90	61	76.9	+4	182	2739	+262
Dix Dam	1.61	17.14	3.68	-2.97	-0.12	89	62	76.6	+3	181	2658	+9
Evansville	2.31	25.96	6.77	+7.65	+3.72	93	62	78.5	+3	189	2927	+185
Glasgow	1.37	20.22	2.46	-1.90	-1.51	93	61	78.5	+4	184	2929	+278
Grayson	1.08	20.45	3.11	+1.44	-0.56	93	60	77.8	+5	183	2680	+345
Hardinsburg	2.37	23.00	5.06	+2.82	+1.39	91	62	78.4	+4	188	2771	+30
Henderson	1.72	20.94	3.51	+2.20	+0.41	91	60	75.4	-0	169	2761	-11
Huntington	0.37	18.45	1.02	-0.58	-2.79	93	59	77.9	+5	181	2761	+253
Jackson	1.61	17.05	2.08	-3.19	-1.86	94	64	77.6	+4	181	2807	+431
Lexington	1.55	18.81	2.84	-0.74	-0.99	89	62	76.6	+3	180	2672	+164
London	1.11	17.49	4.05	-1.21	+0.69	89	63	76.8	+4	181	2697	+220
Louisville	1.71	26.44	3.89	+7.34	+0.44	91	62	77.5	+3	185	2726	-36
Mayfield	0.74	18.92	3.47	-1.47	-0.16	90	61	76.6	+1	181	2738	-64
Nashville	0.63	18.79	5.03	-0.23	+1.77	95	70	83.1	+9	209	3176	+242
Nolin Lake	1.49	21.20	3.40	-0.20	-0.32	92	62	78.5	+4	188	2782	+244
Paducah	0.71	23.81	3.83	+3.47	+0.59	95	60	79.3	+3	188	3075	+222
Princeton	0.92	18.96	3.30	-1.53	-0.39	94	60	79.1	+3	188	2995	+173
Quicksand	1.66	15.24	2.09	-5.00	-1.85	89	61	76.4	+3	180	2733	+357
Somerset	1.20	19.05	3.79	-2.03	-0.00	88	63	75.6	+2	173	2642	+74
Spindletop	0.80	16.04	2.65	-3.51	-1.18	89	58	75.1	+2	172	2600	+92
Williamstown	0.73	20.40	2.41	+1.13	-1.17	90	62	77.3	+4	185	2598	+90

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
AUG 12, 2006

UPDATED WEEKLY



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